

**TRANSMITTAL OF
UTILITY
APPLICATION
UNDER 37
C.F.R. §1.53**

Attorney Docket No.

24736-2033

First named inventor

Andreas Braun

Express mail label #

EL406143913US

Date of mailing

October 13, 2000

Application Elements

1. ☒ Fee Transmittal Form

2. ☒ Specification containing 135 pages
(including claims and Abstract), a
Sequence Listing (110 pages).

a. Title: **METHODS FOR GENERATING
DATABASES AND DATABASES
FOR IDENTIFYING POLYMORPHIC
GENETIC MARKERS**

b. Number of claims: 100

3. ☒ 49 sheets of drawings with 58
Figures

4. ☐ Declaration

5. ☒ Sequence Listing

☒ Paper copy (identical to computer copy)

☒ Computer readable copy

☐ Verified statement

Accompanying Application Papers

6. ☐ Assignments

7. ☒ Small Entity Status is claimed

8. ☐ Preliminary Amendment

9. ☒ Return Receipt Postcard

SIGNATURE OF ATTORNEY/AGENT

HELLER EHRMAN WHITE & McAULIFFE LLP

Stephanie Seidman

Registration Number: 33,779

☒ Benefit of priority under 35 U.S.C. §119(e) claimed to U.S. provisional application Serial Nos. 60/217,658, 60/159,176 and 60/217,251. Benefit of priority under 35 U.S.C. §120 is also claimed. This application is a continuation-in-part of U.S. application Serial No. 09/663,938, filed September 19, 2000. The application and provisional applications are incorporated by reference in their entirety

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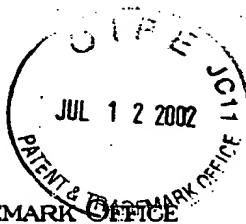
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/687,483	10/13/2000	1645	1555	24736-2033	49	100	15

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Applicant(s)

Andreas Braun, Residence, XPX ;

Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/217,658 07/10/2000
 WHICH CLAIMS BENEFIT OF 60/159,176 10/13/1999
 WHICH CLAIMS BENEFIT OF 60/217,251 07/10/2000
 WHICH IS A CIP OF 09/663,968 09/19/2000

Foreign Applications

If Required, Foreign Filing License Granted 01/31/2001

** SMALL ENTITY **

Title

Method for generating databases and databases for identifying polymorphic genetic markers

Preliminary Class

435

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Data entry by : GARNETT, SANDRA

Team : OIPE

Date: 01/31/2001





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Applicant: **Braun et al.**

Serial No.: 09/687,483

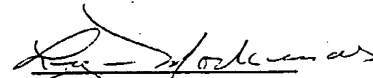
Filed: October 13, 2000

For: **METHODS FOR GENERATING
DATABASES AND DATABASES FOR
IDENTIFYING POLYMORPHIC GENETIC
MARKERS**

Art Unit: 1645

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents
Washington, D.C. 20231, on this date.

03/06/01
Date


Lynn Morkunas

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested.

Under **APPLICANT(S)**, please insert the following corrected information:

**Andreas BRAUN, San Diego, California
Hubert KÖSTER, La Jolla, California
Dirk VAN DEN BOOM, Hamburg, Germany
Yip PING, San Diego, California
Charlie RODI, Del Mar, California
Livan HE, San Diego, California
Norman CHIU, San Diego, California
Christian JURINKE, Hamburg, Germany**

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U.S.S.N. 09/687,483

Braun et al.

REQUEST FOR CORRECTED FILING RECEIPT

Applicants submit that the above-indicated error is an error made on the part of the Office, rather than by Applicants, and respectfully request that this error be corrected and Applicants be provided a corrected filing receipt.

- ☒ The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

By:


Stephanie Seidman
Registration No. 33,779

SLS/lm

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~~Andreas Braun, Residence, XPX,~~

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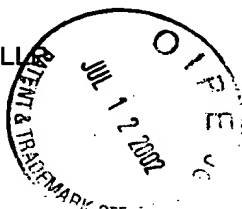


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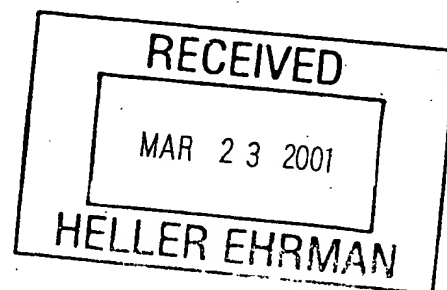
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Preliminary Class
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2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 26

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Braun et al.

Serial No.: 09/687,483

Filed: October 13, 2000

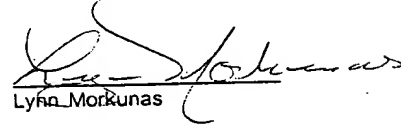
For: **METHODS FOR GENERATING
DATABASES AND DATABASES FOR
IDENTIFYING POLYMORPHIC GENETIC
MARKERS**

Art Unit: 1645



I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents
Washington, D.C. 20231, on this date.

03/27/01
Date


Lydia Morkunas

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested.

Under **APPLICANT(S)**, please correct the spelling of inventor Dirk VAN DEN BOOM's last name: change "Dirk VAN DAN BOOM" to -Dirk VAN DEN BOOM-



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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/687,483	10/13/2000	1645	1620	24736-2033	49	100	15

FILING RECEIPT



OC000000005870765

Stephanie Seidman
Heller Ehrman White & McAuliffe LLP
4250 Executive Square 7th Floor
La Jolla, CA 92037

Date Mailed: 03/16/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Hubert Koster, La Jolla, CA ;
Andreas Braun, San Diego, CA ;
Dirk Van Dan Boom, Hamburg, GERMANY;
Yip Ping, San Diego, CA ;
Charlie Rodi, Del Mar, CA ;
Liyan He, San Diego, CA ;
Norman Chiu, San diego, CA ;
Christian Jurinke, Hamburg, GERMANY;

Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/217,658 07/10/2000
WHICH CLAIMS BENEFIT OF 60/159,176 10/13/1999
WHICH CLAIMS BENEFIT OF 60/217,251 07/10/2000
WHICH IS A CIP OF 09/663,968 09/19/2000

Foreign Applications

If Required, Foreign Filing License Granted 01/31/2001

** SMALL ENTITY **

Title

Method for generating databases and databases for identifying polymorphic genetic markers

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OFFICE OF PETITIONS

U.S.S.N. 09/687,483

Braun t al.

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Applicants submit that the above-indicated error is an error made on the part of the Office, rather than by Applicants, and respectfully request that this error be corrected and Applicants be provided a corrected filing receipt.

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Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

By:


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Registration No. 33,779

SLS/lm

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CONFIRMATION NO. 7859

CORRECTED FILING RECEIPT



OC000000006333147

STEPHANIE L. SEIDMAN, ESQ
HELLER EHRMAN WHITE & McAULIFFE
4350 LA JOLLA VILLAGE DRIVE
SAN DIEGO, CA 92122-1246

Date Mailed: 07/24/2001

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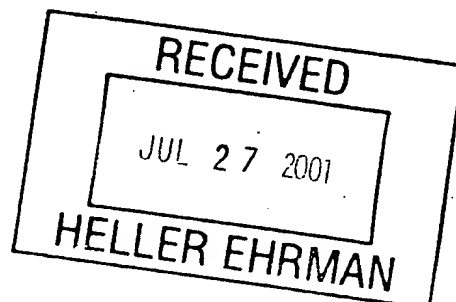
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Domestic Priority data as claimed by applicant

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Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

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Preliminary Class

435

Data entry by : HILL, SEAN

Team : 3700

Date: 07/24/2001

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 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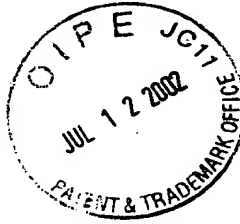
Applicant: Braun et al.

Serial No.: 09/687,483

Filed: October 13, 2000

For: **METHODS FOR GENERATING
DATABASES AND DATABASES
FOR IDENTIFYING POLYMORPHIC
GENETIC MARKERS**

Art Unit: 1631



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08/03/01
Date


Robert Wickman

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Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

By:


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Registration No. 33,779

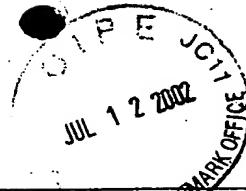
SLS/rmw
Attorney Docket 24736-2033
Address all correspondence to:
HELLER EHRMAN WHITE & McAULIFFE LLP
4350 La Jolla Village Drive, 6th Floor
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STEPHANIE L. SEIDMAN, ESQ
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SAN DIEGO, CA 92122-1246

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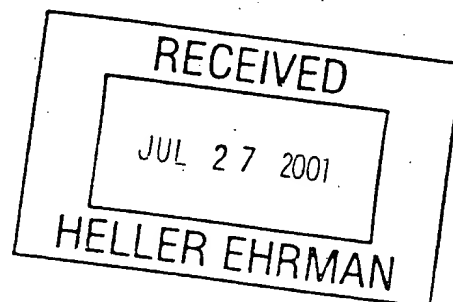
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PING YIP

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Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

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Preliminary Class

435

Data entry by : HILL, SEAN

Team : 3700

Date: 07/24/2001





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CORRECTED FILING RECEIPT



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OFFICE OF PETITIONS

**** SMALL ENTITY ****

Title

Method for generating databases and databases for identifying polymorphic genetic markers

Preliminary Class

435

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